

# SYSTEM ARCHITECTURE FOR REMOTE ACCESS AND CONTROL OF ENVIRONMENTAL MANAGEMENT

## Abstract of the Disclosure

5           A fault tolerant system by which individual components of a server are  
monitored and controlled through independent, programmable microcontrollers  
interconnected through a microcontroller network. An external agent can control and  
monitor the microcontrollers by extending the interconnection network beyond the  
physical server. The extension to the interconnection network converts protocols  
10       between media, and directs the microcontrollers and the state managed by the  
microcontrollers. Intervention of the server operating system software is not required  
and is not utilized for the access and control operations. A remote interface board  
provides the interface between the microcontroller network and an external modem  
that communicates with a remote client computer. The remote interface board also  
15       provides for connection to a local client computer.

RJS-3350://ssw/sad4  
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